

**New freedom of creative lighting design in a linear arrangement:
ERCO Compar recessed luminaires**

Lüdenscheid, January 2017. ERCO has developed the new Compar range of recessed luminaires with a striking linear design that delivers light distributions previously restricted to round or square ceiling apertures. As a result, Compar adds to the design options in typical recessed lighting applications such as foyers, circulation areas or conference rooms in administration buildings, restaurants or galleries whilst also meeting every ergonomic requirement for perfectly efficient lighting solutions in the office environment.

The Compar range of recessed lighting tools is able to implement differentiated lighting concepts in projects requiring a variety of functions and uses. For example, in a large office building areas such as the prestigious foyer, the lift lobby and corridors or the company restaurant need different lighting to the auditorium, conference rooms or shared offices. With its sleek linear aesthetic and integrated technology, Compar offers a wide range of lumen packages with variable distribution options and design details, providing the right lighting tool for every scenario. The result is an economic, creative lighting design based on a reliable and efficient concept.

Slim design with five light distributions

The ERCO luminaire system builds on a modular concept defined by specific parameters creating a logical system that gives the designer flexibility in the combination of different ERCO luminaires. Taking the same approach, Compar is available in the three lengths 120mm, 210mm and 390mm, with a width of just 62mm, each with twice as many LED lenses – and double the luminous flux – as the previous one, and in two wattages, resulting in six outputs from 630lm to a powerful 4920lm for high illuminances particularly in high rooms.

Extremely efficient lenses specially developed by ERCO shape the light of the LED modules into the rotationally symmetrical light distributions wide flood and extra

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wide flood, the asymmetrical light distribution wallwash for uniform vertical illuminance, and the two axially symmetrical distributions oval flood and oval wide flood. The new oval wide flood answers the stringent standards of workplace lighting.

Ergonomic office lighting in a striking linear design

In contrast to the oval flood lens which is designed in true alignment with the luminaire for the efficient illumination of corridors, ERCO has developed the new oval wide flood distribution particularly for office workplaces. A single Compar luminaire with oval wide flood distribution provides ergonomic light of superior standard for up to four workplaces. Achieving superbly uniform illumination with cylindrical illuminances of 175lx, and 300lx or 500lx on the work surface, as well as a UGR < 19, the new oval wide flood lens meets the requirements of EN 12464-1 for office workplaces. The extra wide flood lens, meanwhile, allows the luminaires in areas such as circulation zones or foyers to be spaced unusually far apart – saving both investment and operating costs.

Details that make the difference

The downlight characteristics of Compar are complemented by the powerful lens wallwashers adding vertical illuminance as an essential component of perception-orientated lighting design in a linear system. With a recess depth of 100mm, the aluminium housing is quick and easy to install. Compar recessed luminaires are supplied with a covered mounting detail. Flush mounting frames are available as accessories, as are louvres in silver or black to enable Compar to blend with the architecture and ceiling design. Light colours include warm white (3000K) and neutral white (4000K), with control gear options covering switchable, phase dimmable and DALI versions.

Offering a set of tools for a wide variety of lighting solutions, Compar presents itself as the new powerhouse for linear aesthetics in the ERCO product range – making it a welcome alternative to round and square downlights in recessed lighting concepts and to conventional linear luminaires and fluorescent lamps for the illumination of workplaces.

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Technical features

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| ERCO lens system: | Spherolit lens, collimator made of optical polymer, light distributions: wide flood, extra wide flood, oval flood, oval wide flood, wallwash |
| ERCO LED module: | High-power LEDs on metal-core PCB, light colours: warm white or neutral white, 3000 or 4000K |
| Louvre: | Polymer, silver or black |
| Housing: | Aluminium, three sizes |
| Mounting: | With mounting detail made of polymer, covered or flush (accessory) |
| Control gear: | Switchable, dimmable (trailing edge) or DALI |

Images



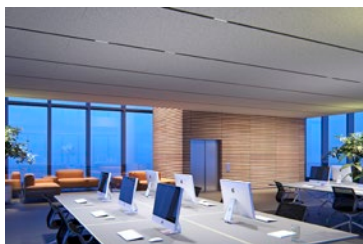
Compar offers an elegant and space-saving alternative to round or square recessed luminaires. From a photometric aspect, the new ERCO lighting tools stand apart with superior quality and efficiency.

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Compar is available in the three lengths, each in two wattages, resulting in six outputs from 630lm to a powerful 4920lm for high illuminances particularly in high rooms.

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With its linear aesthetic, Compar gives the designer enormous creative scope in ceiling design, whilst the five efficient light distributions of the ERCO recessed lighting tools meet the highest standards of distinctive architectural and office lighting.

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About ERCO

The ERCO Light Factory in the German town of Lüdenscheid is a leading international specialist in architectural lighting using LED technology. The family business, founded in 1934, now operates as a global player with independent sales organisations and partners in 55 countries worldwide. Since 2015 ERCO's portfolio has been 100% LED. With this in mind, ERCO in Lüdenscheid develops, designs and produces digital luminaires with focus on photometrics, electronics and design. Working closely with architects, lighting designers and engineers, ERCO develops lighting tools used primarily for applications in the following fields: Work, Shop, Culture, Community, Hospitality, Living, Public and Contemplation. ERCO understands digital light as the fourth dimension of architecture – providing highly precise and efficient lighting solutions to support creative designers in turning their visions into reality.

If you require any further information on ERCO or image material, please visit us at www.erco.com/presse. We can also provide you with material on projects worldwide for your media coverage.

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